SEQUENCE LISTING

<110> Hatteboer, Guus

     Verhulst, Karine Cornelia

     Schouten, Govert Johan

     Uytdehaag, Alphonsus Gerardus Cornelis Maria

     Bout, Abraham

<120> RECOMBINANT PROTEIN PRODUCTION IN A HUMAN CELL

<130> 2578-4038.3US

<140> To be assigned
<141> 2004-03-01

<150>   06/129,452

<151>   1999-04-15

<160>   33

<170> PatentIn version 3.1

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<223> PCR Primer-DHFR up, synthesized sequence

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<223> polylinker fragment, synthesized sequence, restriction fragment from digestion of pIPspAdapt 6 with AgeI and Bam HI

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accggtgaat tcggcgcgcc gtcgacgata tcgatcggac cgacgcgttc gcgagcggcc   60

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digestion of pIPspAdapt7 with AgeI and Bam HI

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aaaaaggatc cgccaccatg ggggtgcacg aatgtcctgc ctg   43

<210> 6
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atcg   64

<210> 9

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<223>   Oligonucleotide, synthesized sequence, EcoRI linker

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<223>   oligonucleotide, synthesized sequence, EcoRI linker

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<223> oligonucleotide, synthesized sequence, PacI linker

<400> 13

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<223> oligonucleotide, synthesized sequence, PLL-1

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ggatggc   67

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<223> PCR Primer-CMVplus, synthesized sequence

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<210> 17
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<223> PCR Primer-CMVminA, synthesized sequence

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<210> 18

85

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<223> PCR Primer-CAMH-UP, synthesized sequence

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<210> 19

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<223> PCR Primer-CAMH-DOWN, synthesized sequence

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<210> 20

<211> 28

<212> DNA

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<223> PCR Primer-CAML-UP, synthesized sequence

<400> 20

gatccgtacg gtggctgcac catctgtc 28

<210> 21
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<223> PCR Primer-CAML-DOWN, synthesized sequence

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<223> leader peptide sequence, synthesized sequence

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Glu Phe Ser Met
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<223> oligonucleotide-leader peptide coding sequence, synthesized sequence

<400> 23

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<223> PCR Primer-UBS-UP, synthesized sequence

<400> 24

gatcacgcgt gctagccacc atggcatgcc ctggcttc   38

<210> 25

<211> 20

<212> PRT

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<223> leader peptide, synthesized sequence

<400> 25

Met Ala Cys Pro Gly Phe Leu Trp Ala Leu Val Ile Ser Thr Cys Leu
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Glu Phe Ser Met

<210> 26

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<223> oligonucleotide-leader peptide coding sequence, synthesized sequence

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<223> oligonucleotide, synthesized sequence, PCR product generated using
primers UBS-UP and UBSHV-DOWN on template pNUT-Cgamma

<400> 27

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<210> 28

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<212> DNA

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<223> oligonucleotide, synthesized sequence, PCR product generated using primers UBS-UP and UBSLV-DOWN on template pNUT-Ckappa

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<210> 29
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<223> PCR Primer-15C5-UP, synthesized sequence

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<223> PCR Primer-HA1 forward primer, synthesized sequence

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<210> 31
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90

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<223> PCR Primer-HA1 reverse primer, synthesized sequence

<400> 31

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<210> 32
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<223> PCR Primer-HA2 reverse primer, synthesized sequence

<400> 32

gatgctagct cagtctttgt atcctgactt cagttcaaca cc   42

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<223> Nucleotides 459-3510 of Human Adenovirus Type 5

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92

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93

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